

ABSTRACT

An LCD device having an electromagnetic (EM) type touch panel is disclosed, which includes an electromagnetic sensor inside an LCD panel. The EM type touch panel has a thin profile and can be fabricated through a simplified manufacturing process. The LCD device includes an LCD panel having first and second substrates facing each other, and a liquid crystal layer between the first and second substrates; an EM sensor having X-axis and Y-axis transparent electrode coils formed in one body with any one of the first and second substrates in the LCD panel; a backlight unit below the LCD panel; and a controller below the backlight, the controller controlling the EM sensor.